

Fig. 1A

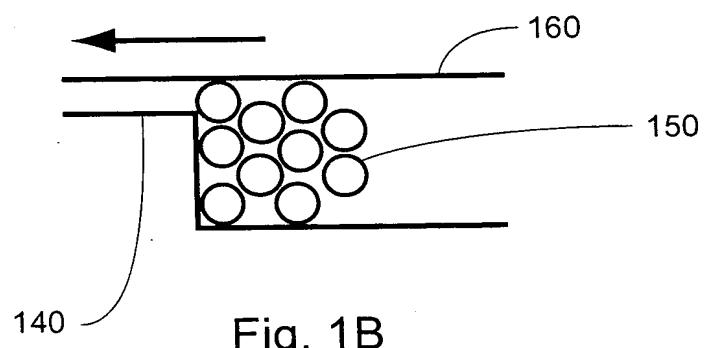


Fig. 1B

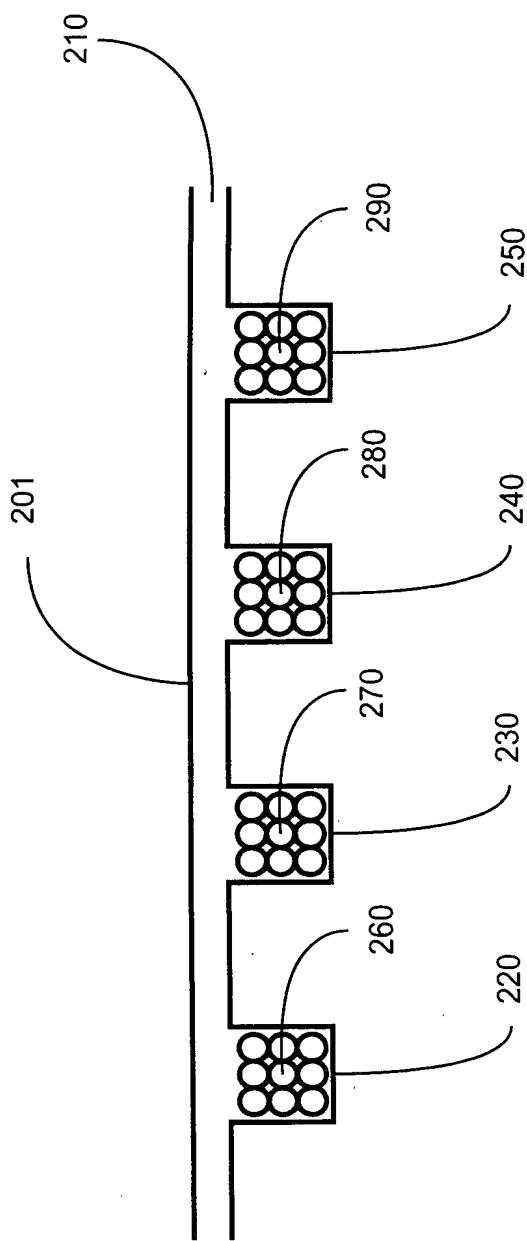


Fig. 2A

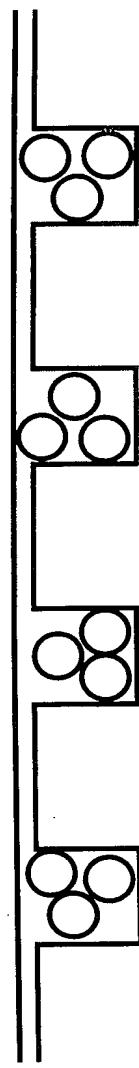


Fig. 2B

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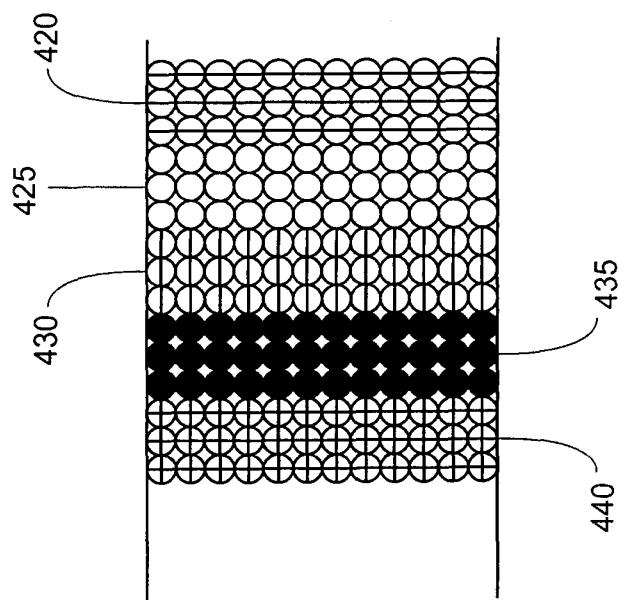


Fig. 3B

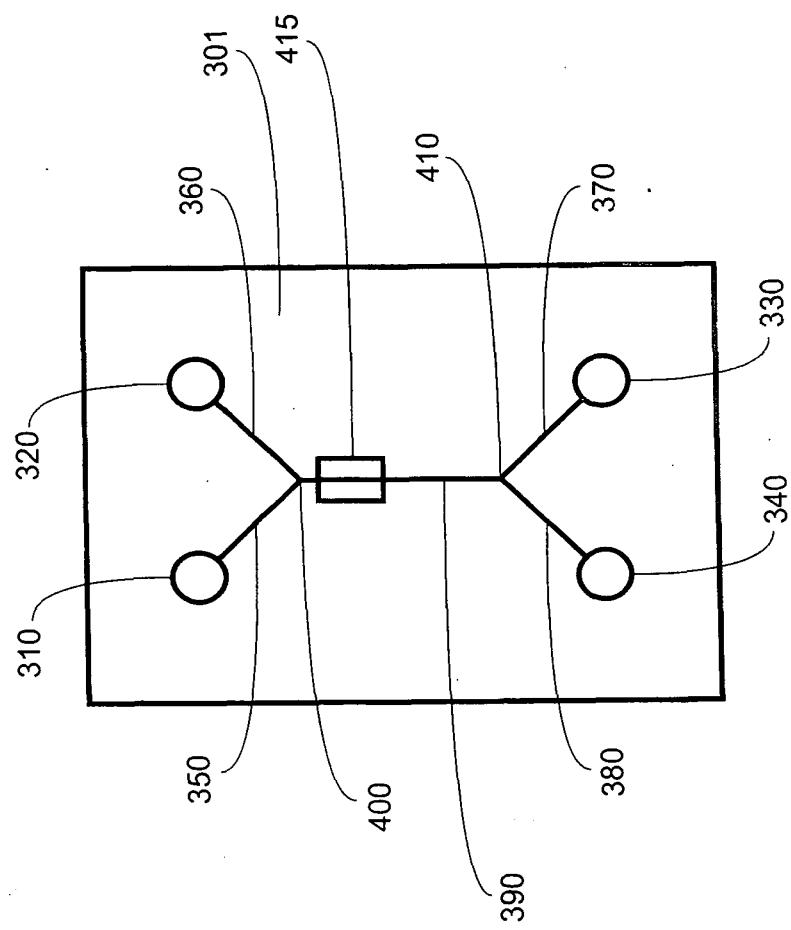


Fig. 3A

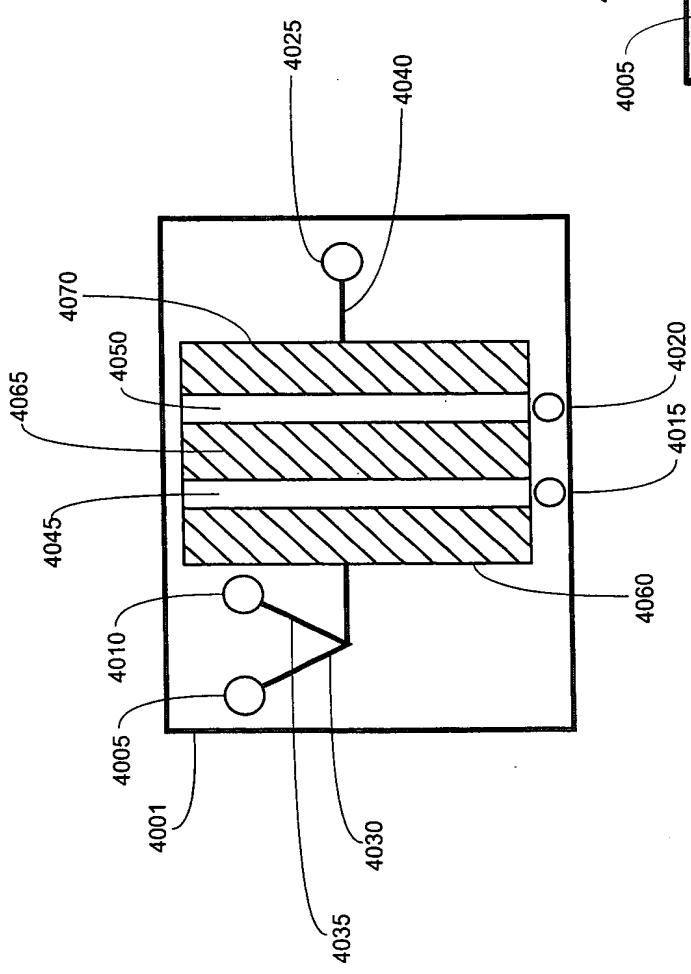


Fig. 4A

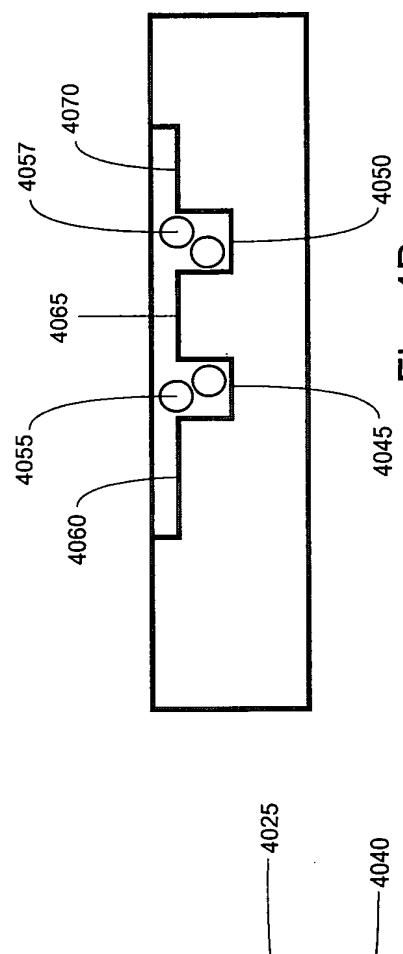


Fig. 4B

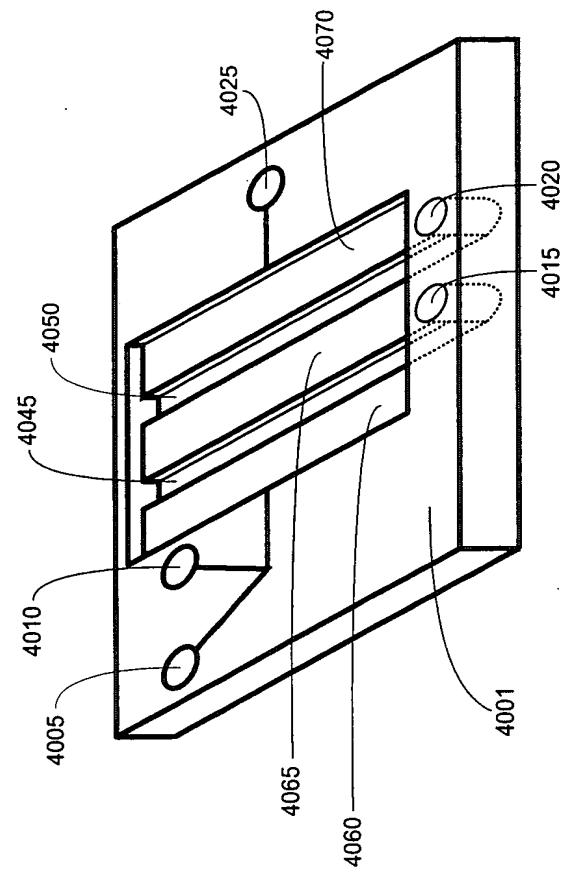


Fig. 4C

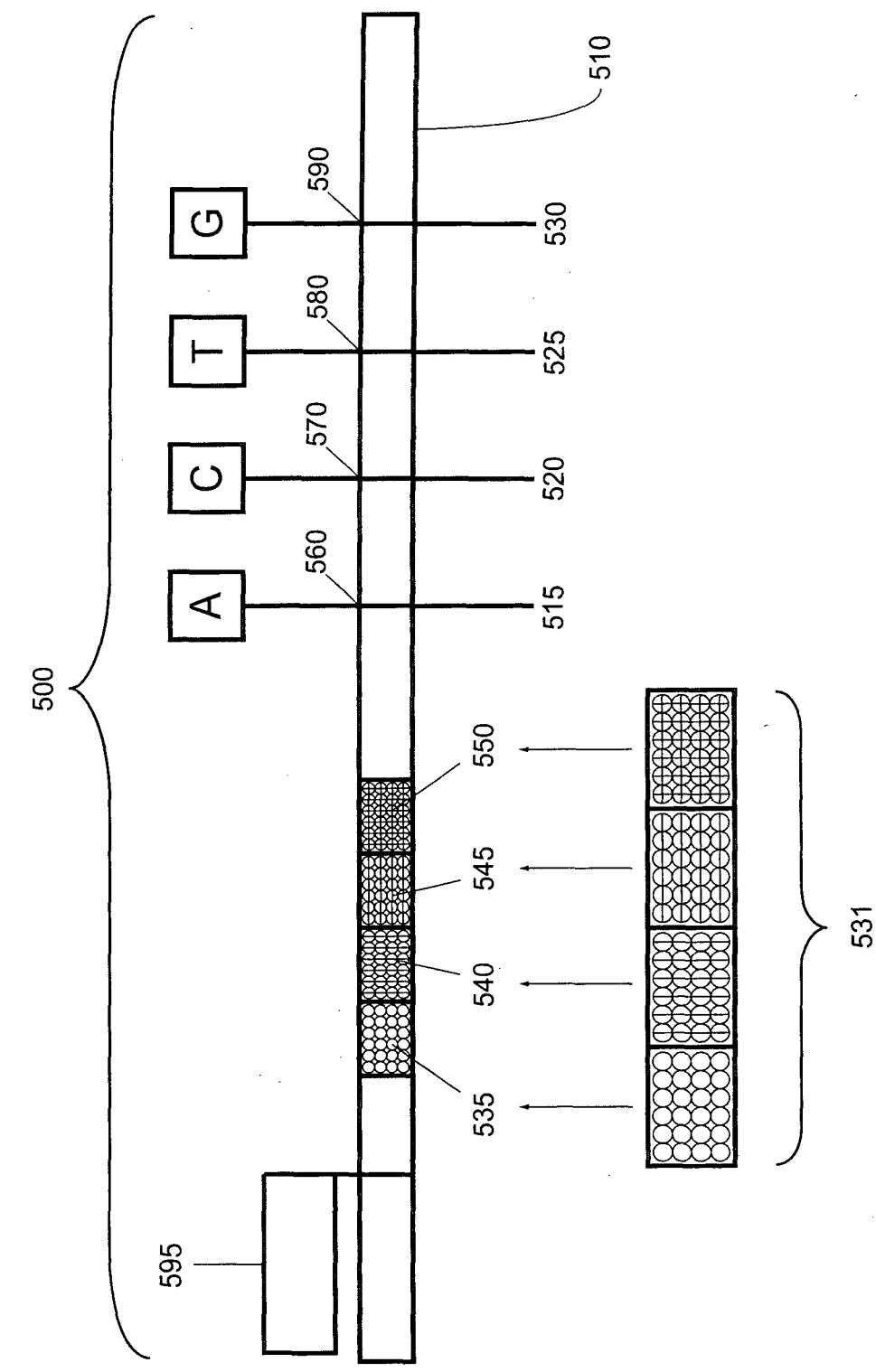


Fig. 5

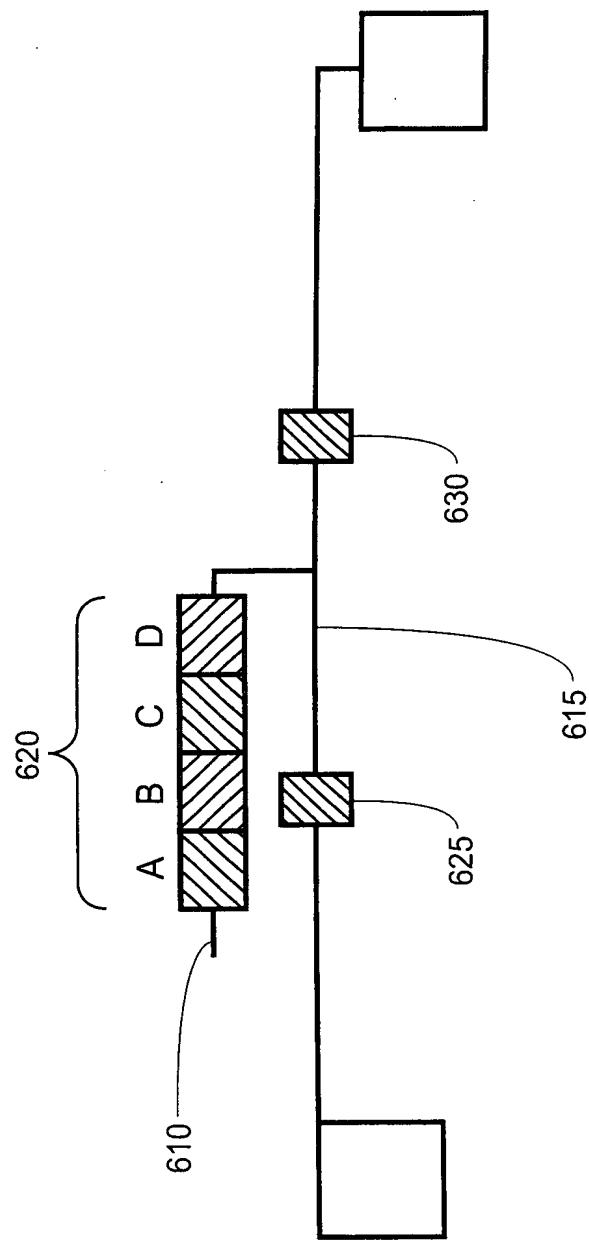


Fig. 6

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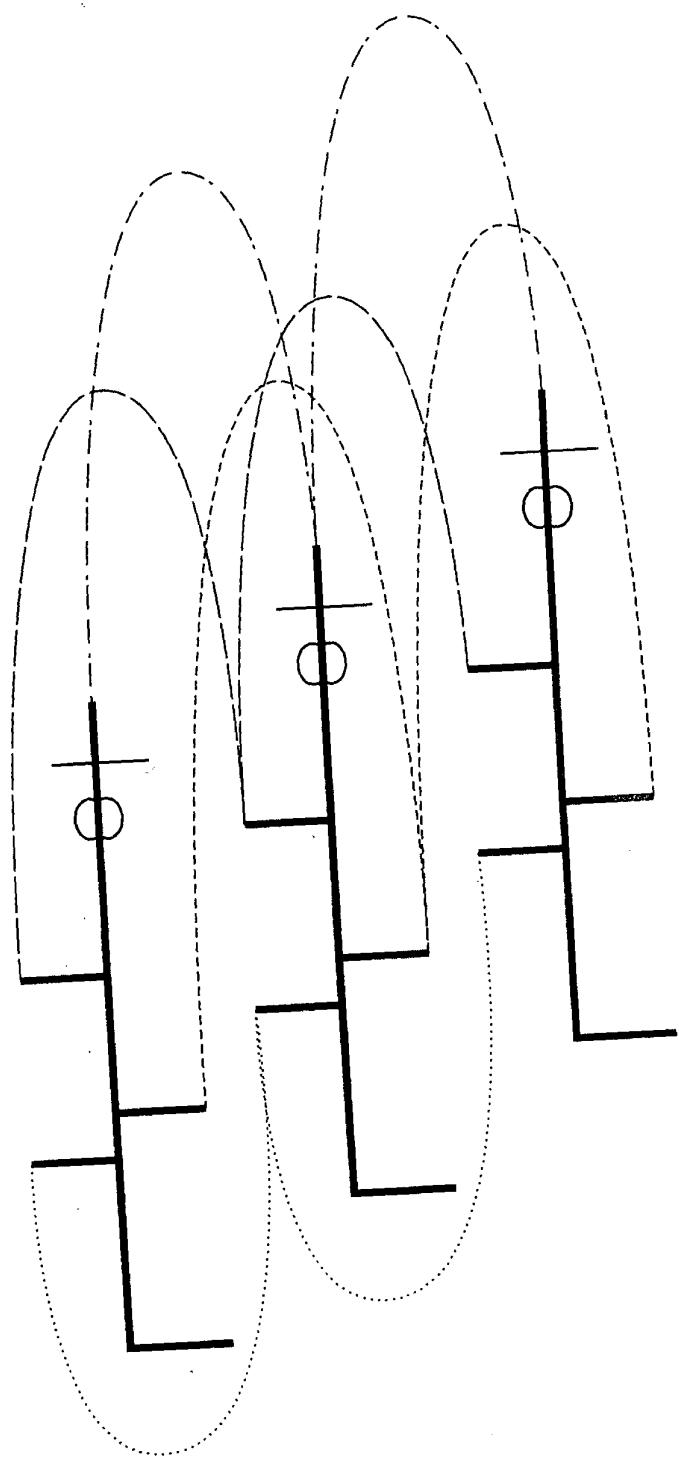


Fig. 7

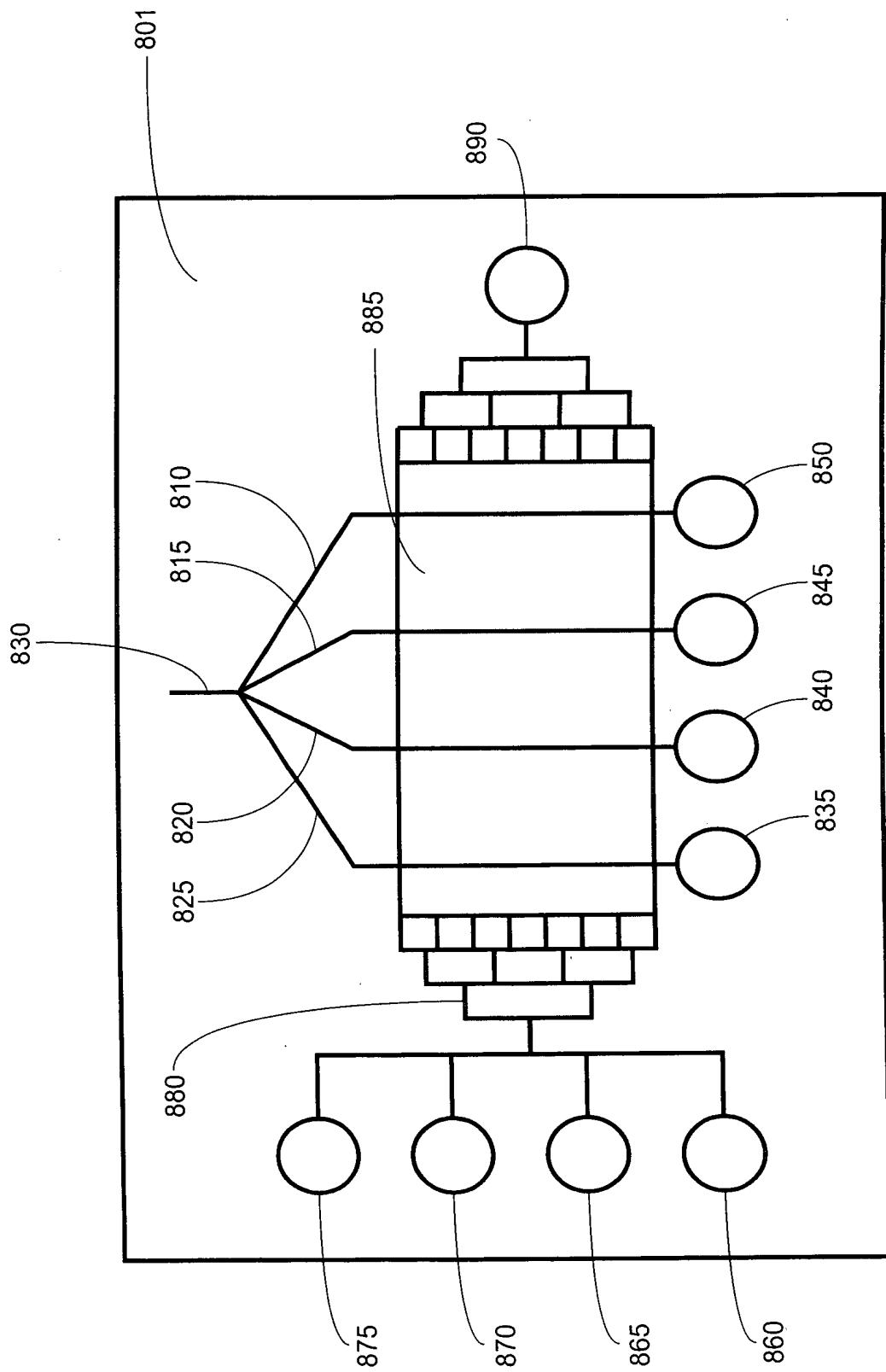


Fig. 8

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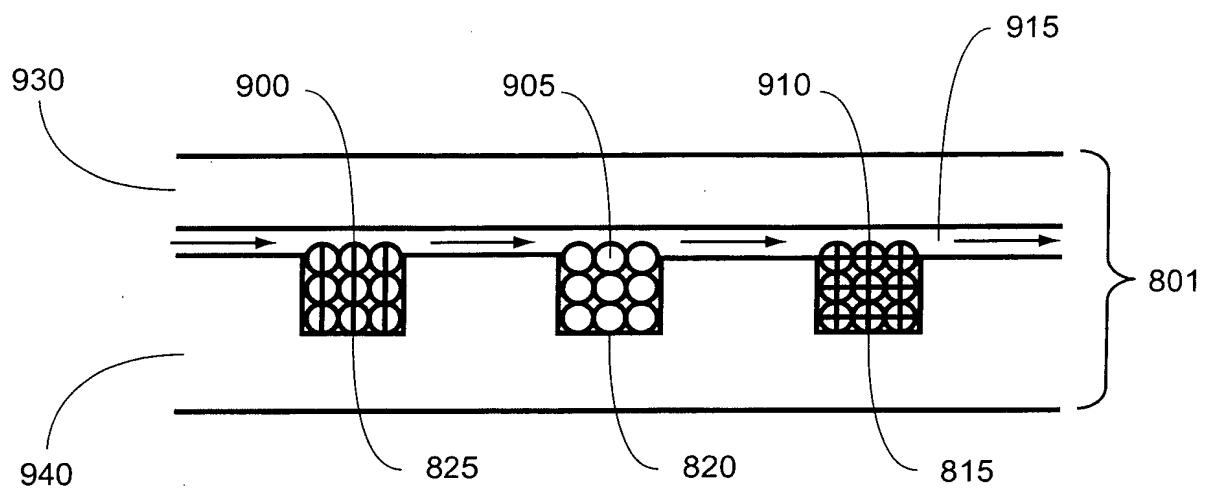


Fig. 9A

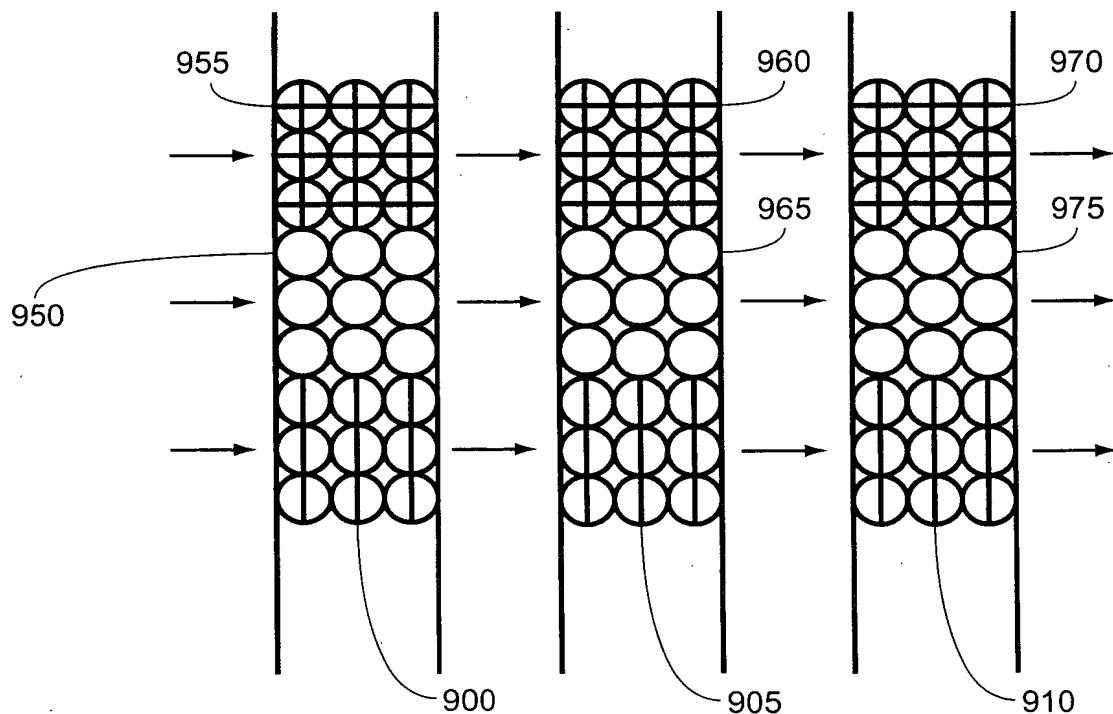


Fig. 9B

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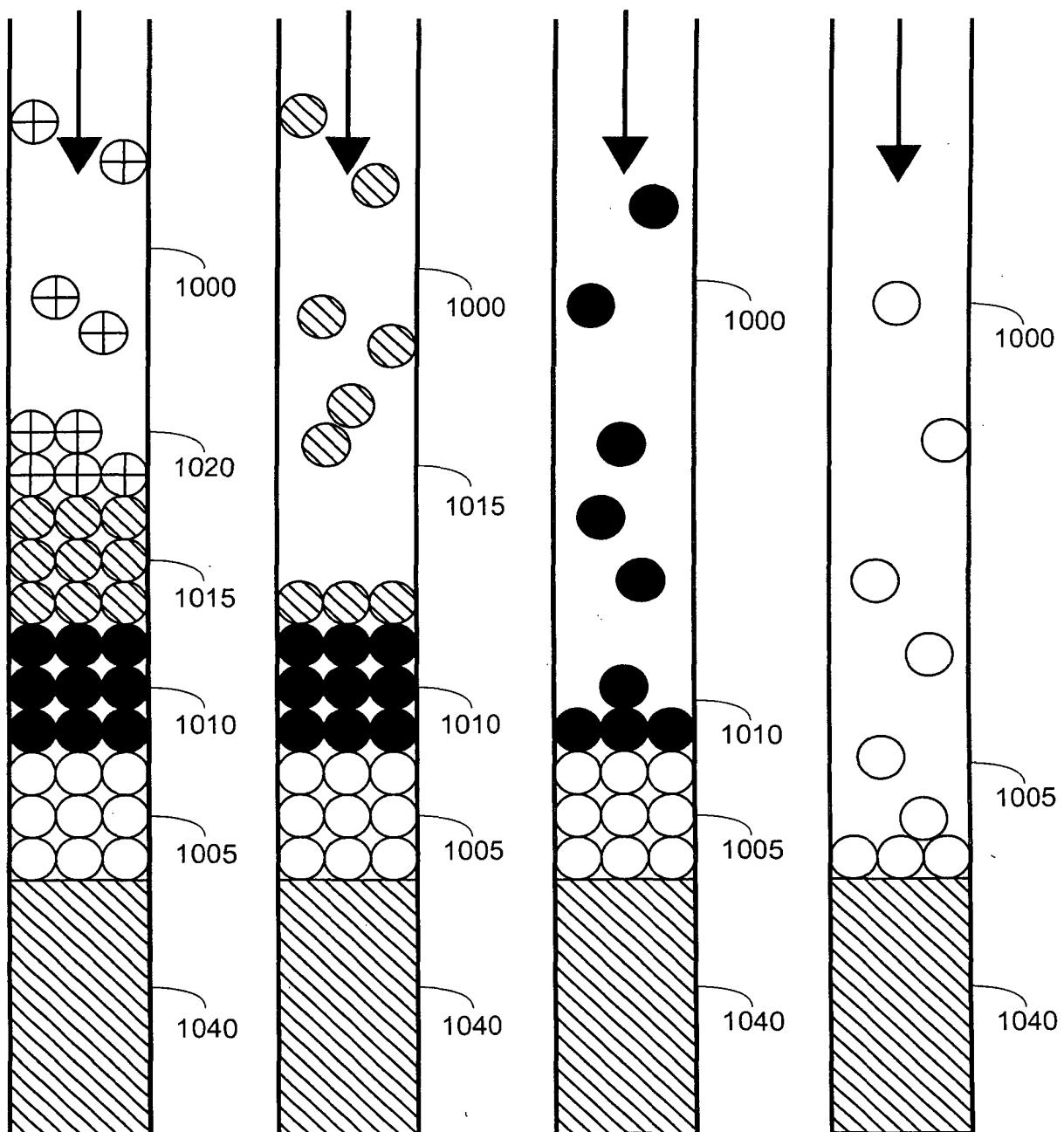
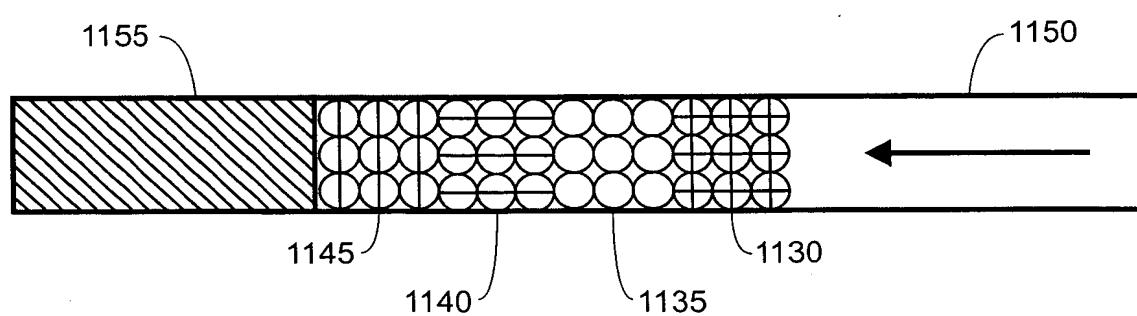
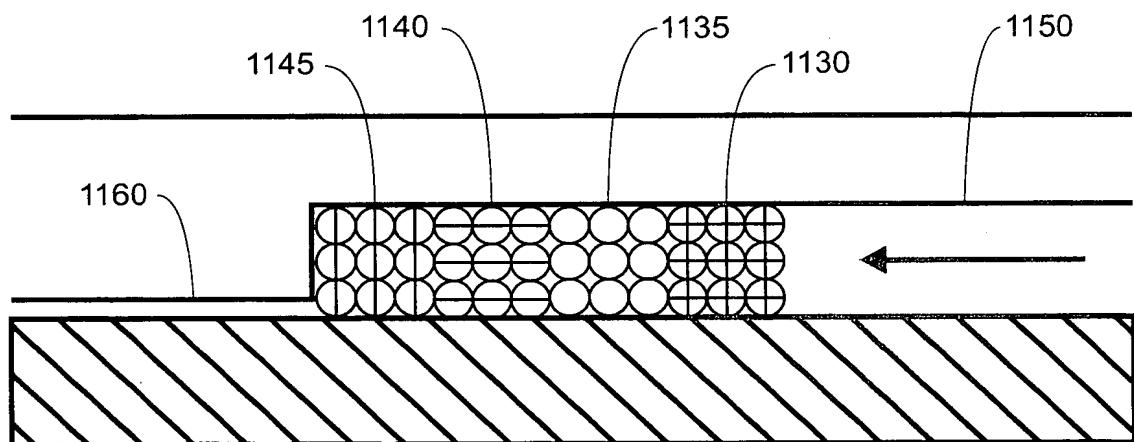
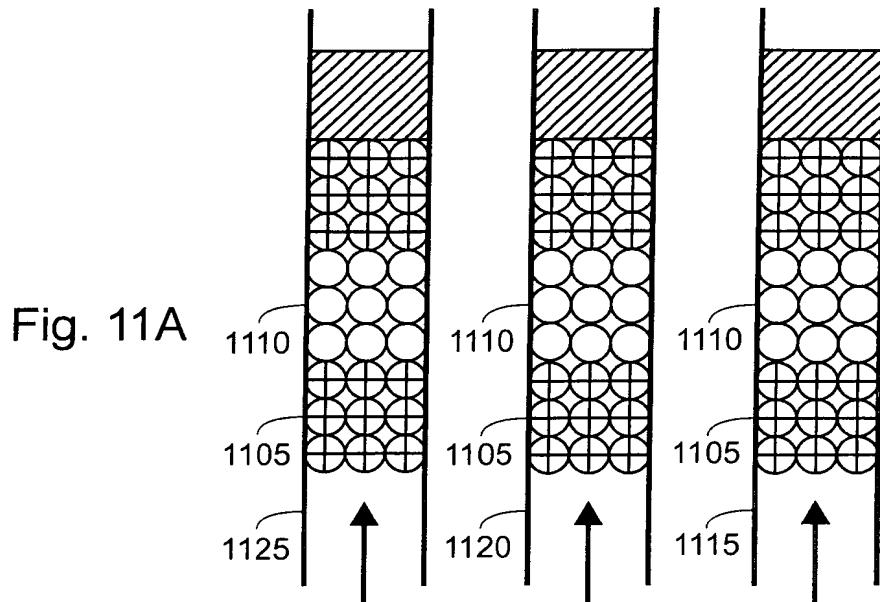


Fig. 10



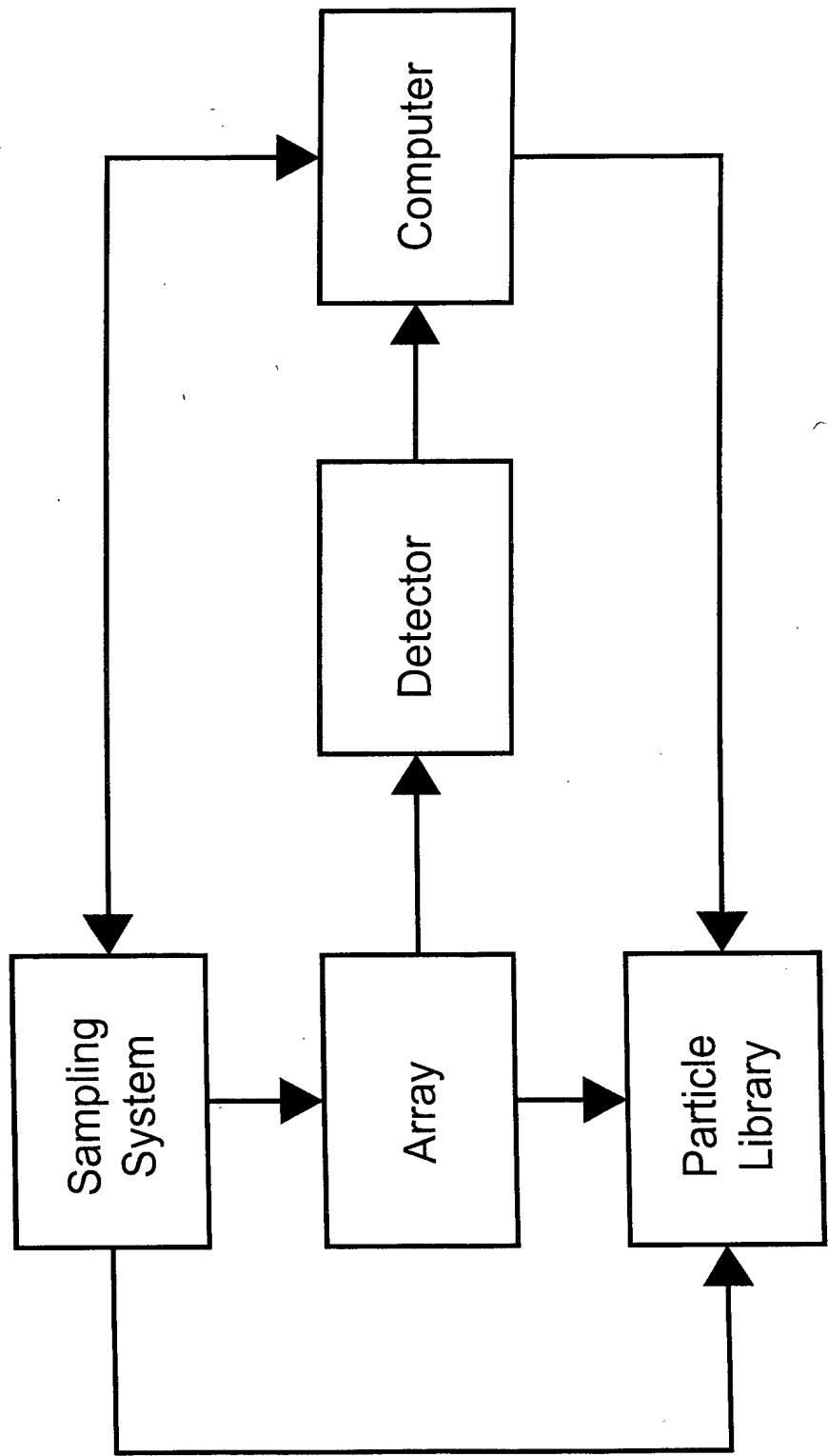
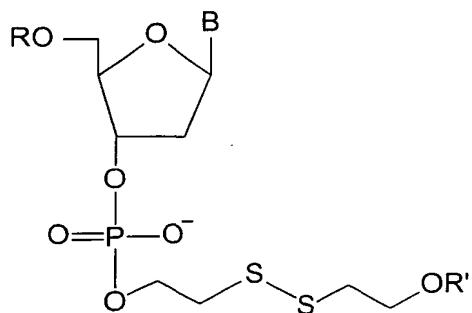


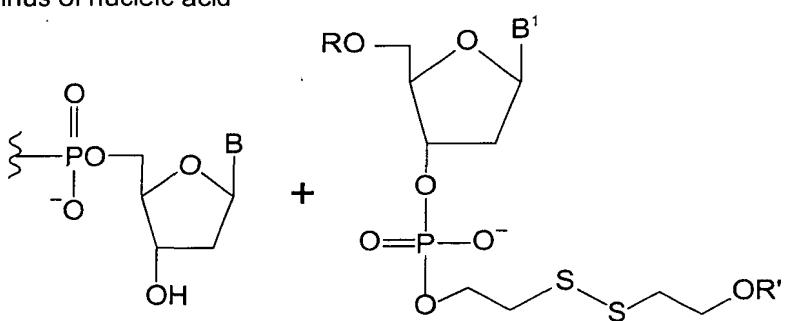
Fig. 12



R = mono-, di-, or triphosphate; OH; or nucleic acid

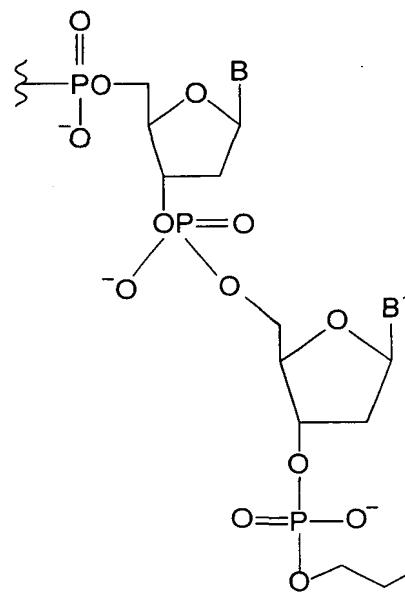
R' = detectable label or OH

3' -terminus of nucleic acid

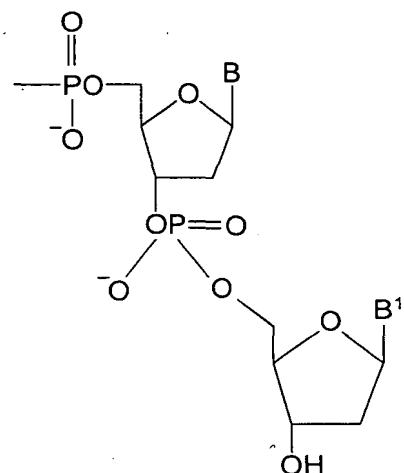


R = triphosphate

DNA polymerase



1. detect label
2. treat with reductant and
alkaline phosphatase



repeat process

Fig. 13

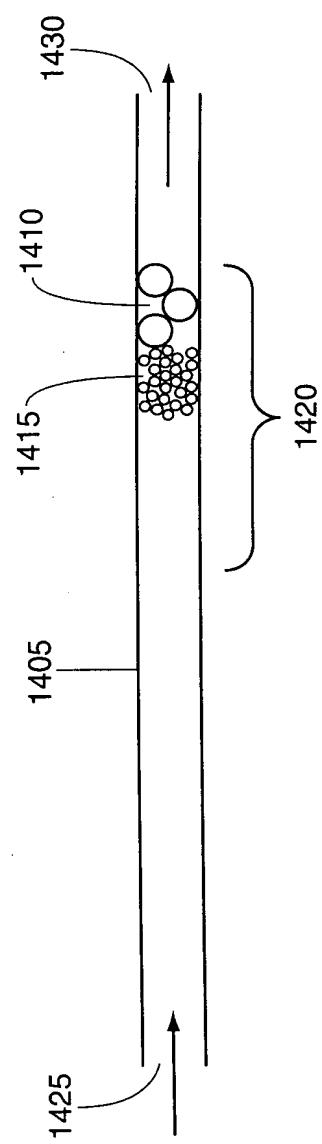


Fig. 14

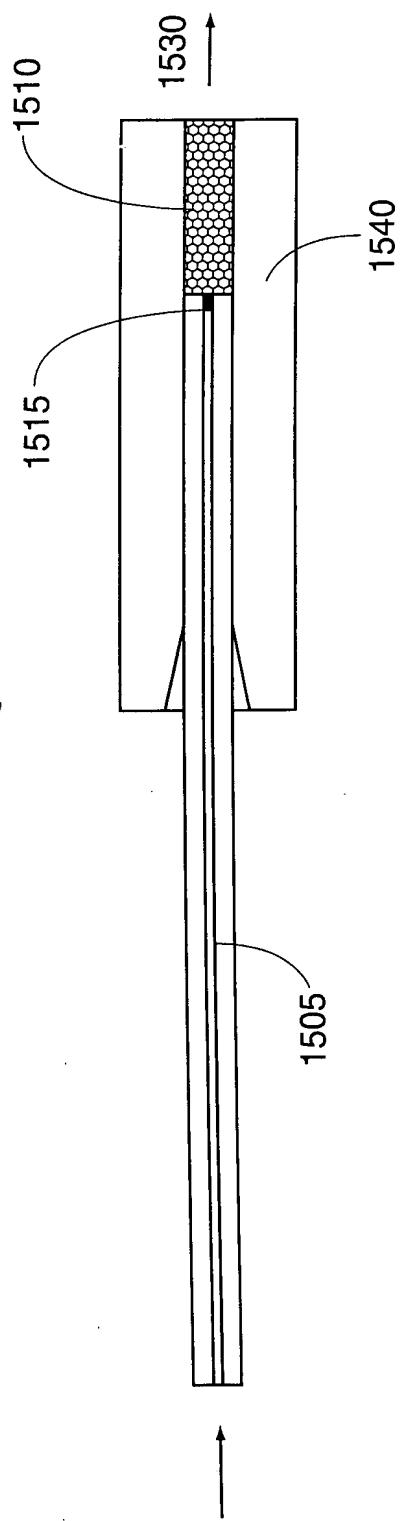


Fig. 15

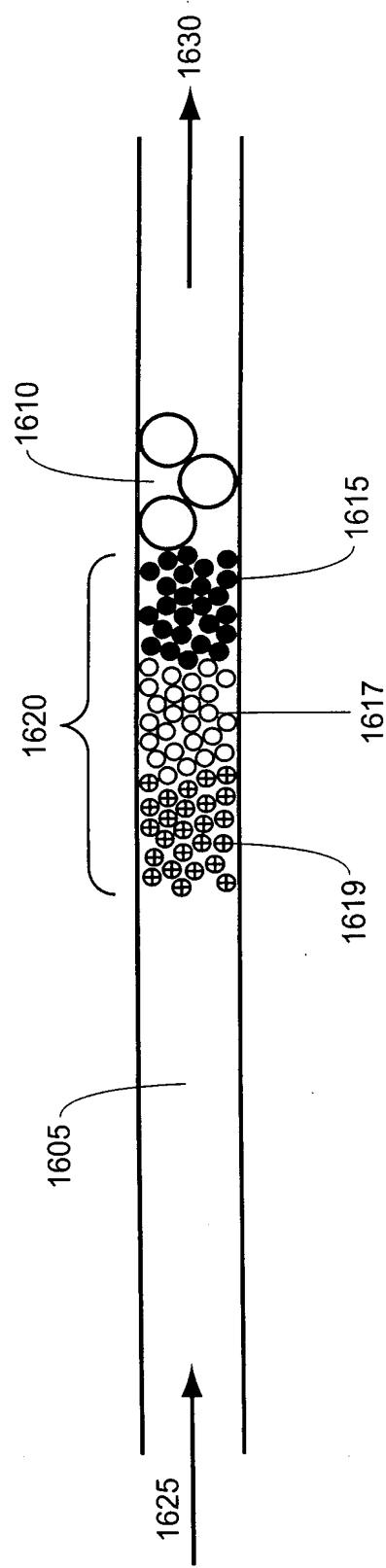


Fig. 16

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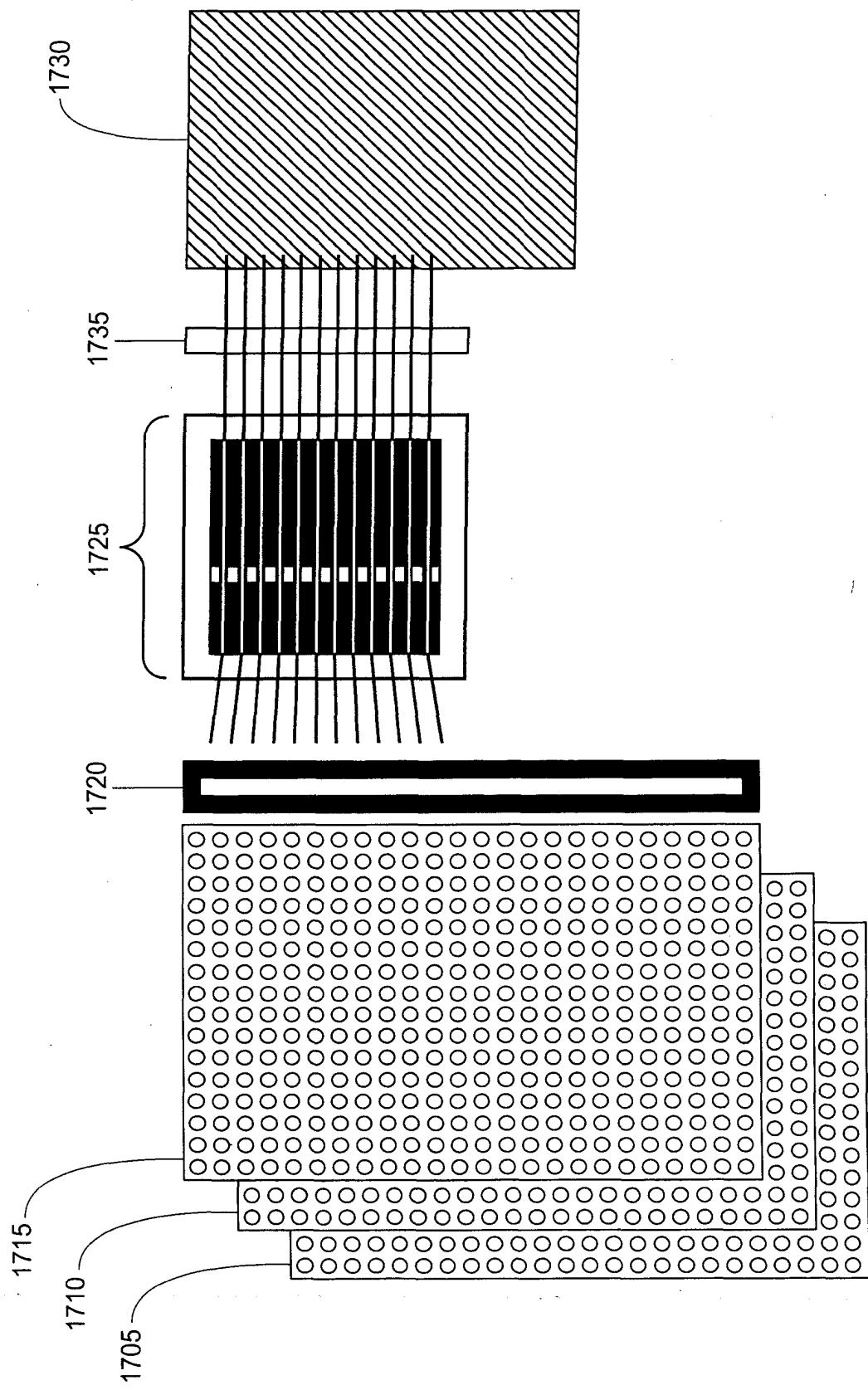


Fig. 17

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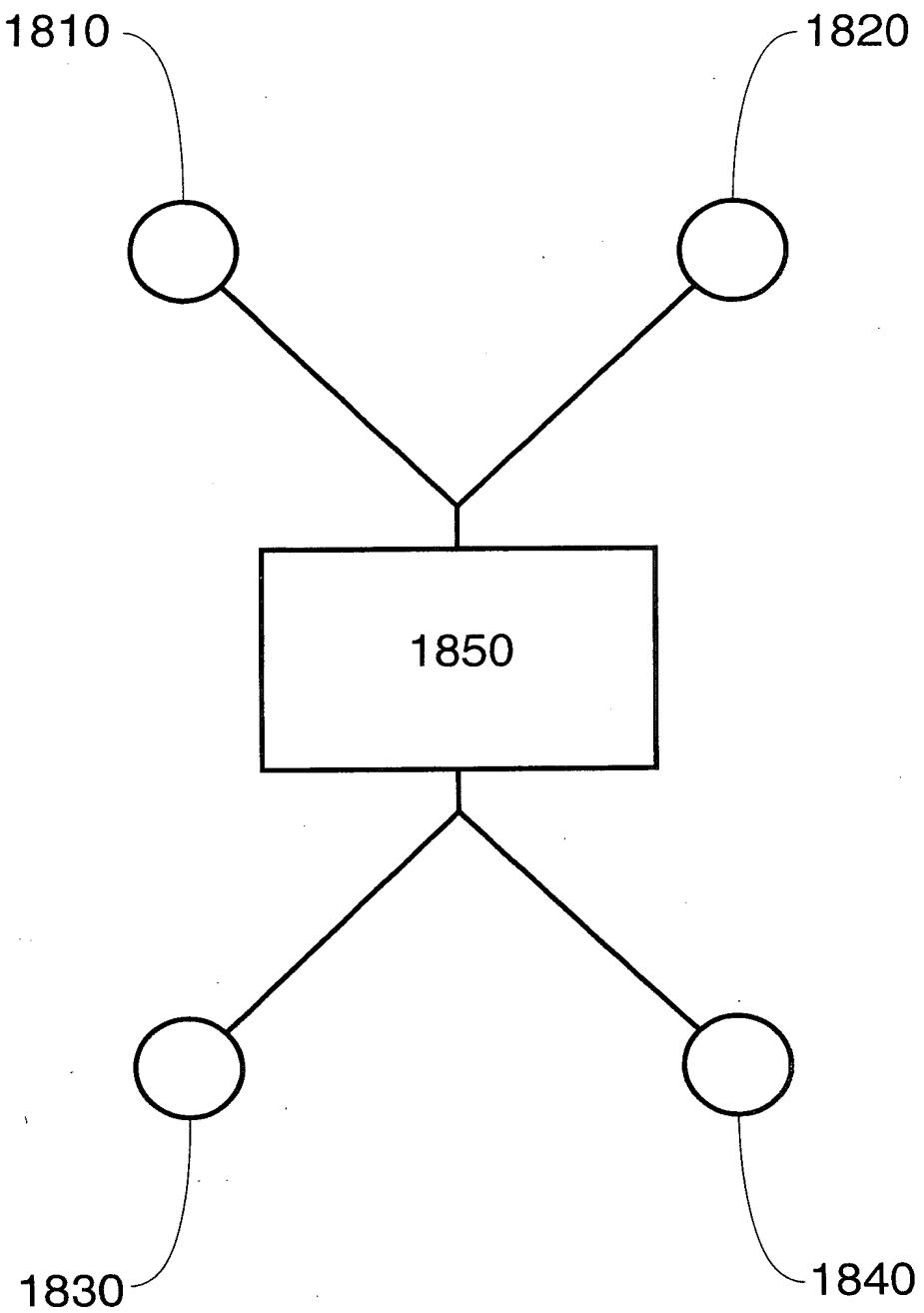


Fig. 18A

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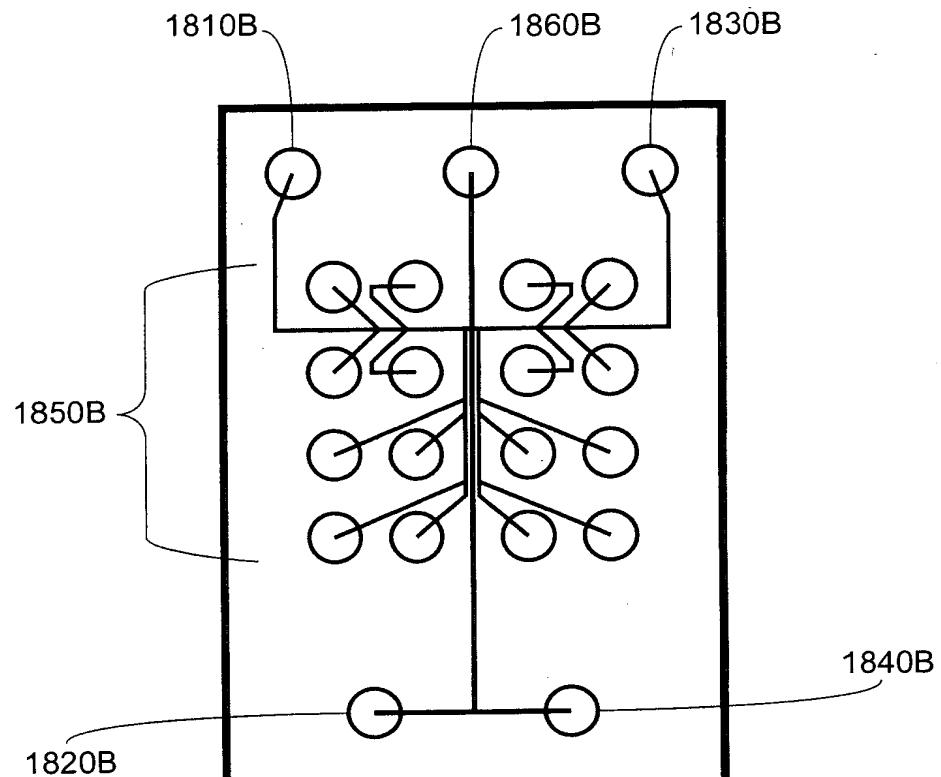


Fig. 18B

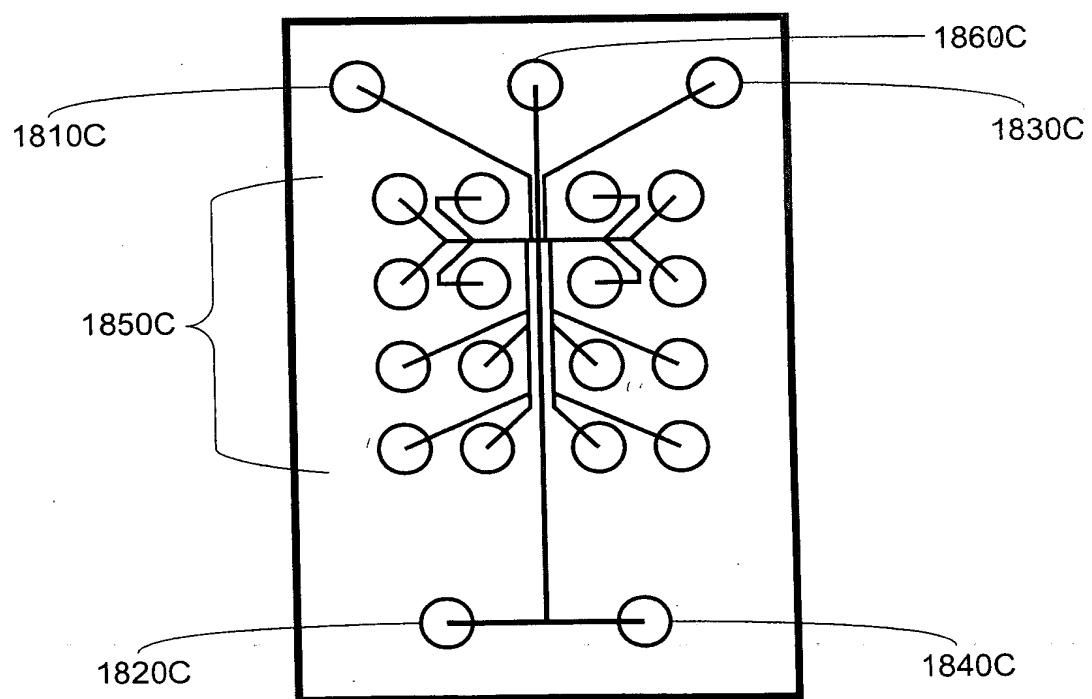


Fig. 18C